

PCT

RAW SEQUENCE LISTING DATE: 07/16/2004
PATENT APPLICATION: US/10/501,196 TIME: 16:55:45

Input Set : A:\NEB-198-PJP.txt

Output Set: N:\CRF4\07162004\J501196.raw

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             SAMUELSON, JAMES
             XU, SHUANG-YONG
      7 <120> TITLE OF INVENTION: ALTERATION OF RESTRICTION ENDONUCLEASE SPECIFICITY BY
GENETIC SELECTION
     9 <130> FILE REFERENCE: NEB-198-PCT
C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/501,196
C--> 12 <141> CURRENT FILING DATE: 2004-07-09
     14 <150> PRIOR APPLICATION NUMBER: US 60/347,403
     15 <151> PRIOR FILING DATE: 2002-01-10
     17 <160> NUMBER OF SEQ ID NOS: 2
     19 <170> SOFTWARE: PatentIn version 3.1
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     23 <212> TYPE: DNA
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     41 tct att gac gca gaa gct tgt aga acg aag gaa tca aaa gaa aag aca
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     57 cca gag gaa caa aag aaa gtg att gaa gcc gca gga aaa gaa gca tta
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     61 aag tot tat aat caa acg gat ttt gta aaa gat aga gtg gca ata gaa
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62 Lys Ser Tyr Asn Gln Thr Asp Phe Val Lys Asp Arg Val Ala Ile Glu

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| | Tyr | | | | | | | | | | | | | | | | | |
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| | Gln | Val | His | Leu | Pro | His | Tle | Trp | Glu | | Tle | Gln | Glu | Tle | Ile | Val | | |
| | | | | | | | | | | | | | | | | | | |
| 98 | | | | 20 | | | | | 25 | | | | Gru | 30 | | | | |
| 98 10 | | ^ Ile | a Ası | 20 | | | | | 25 | | | | | 30 | | | | |
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| 10 10 | 1 Sei 2 | | 35 | 20 p Ala | Glu | Ala | Cys | arg 40 | 25 g Thi | . Lys | s Glu | ı Sei | Lys 45 | 30 s Glu | ı Ly: | s Thr | | |
| 10 10 10 | 1 Sei 2 5 Lys | | 35 | 20 p Ala | Glu | Ala | Cys | arg 40 | 25 g Thi | . Lys | s Glu | ı Sei | Lys 45 | 30 s Glu | ı Ly: | | | |
| 10 10 10 10 | 1 Sei 2 5 Lys 6 | 5 Gli 50 | 35 n Gl | 20 p Ala y Glr | Glu Ile | Ala Leu | . Суя 1 Туз 55 | 40 Sei | 25 g Thi | Lys | s Glu l Alá | ı Sei a Lei 60 | t Lys 45 1 Asr | 30 Gli Gli | ı Ly: ı Ala | s Thr | | |
| 10 10 10 10 | 1 Sei 2 5 Lys 6 9 Lys | 5 Gli 50 | 35 n Gl | 20 p Ala y Glr | Glu Ile | Ala Leu | . Суя 1 Туз 55 | 40 Sei | 25 g Thi | Lys | s Glu l Alá | ı Sei a Lei 60 | t Lys 45 1 Asr | 30 Gli Gli | ı Ly: ı Ala | s Thr | | |
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VERIFICATION SUMMARY

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PATENT APPLICATION: US/10/501,196

TIME: 16:55:46

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L:11 M:270 C: Current Application Number differs, Replaced Current Application Number

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date L:32 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:1,Line#:29